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Solderless Connectors and Line Splicing Materials

LINE MATERIAL COMPANY
A McGRAW ELECTRIC COMPANY DIVISION
MILWAUKEE 1, WISCONSIN

This Bulletin Supersedes Bulletin SC1 Dated 12-48

SC1
12-52

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L-M KYLE SPLIT BOLT CONNECTORS

- COPPER TO COPPER
- ALUMINUM TO ALUMINUM
- STEEL TO STEEL
- STEEL TO COPPER
- ALUMINUM TO COPPER
- COPPER TO ALUMINUM

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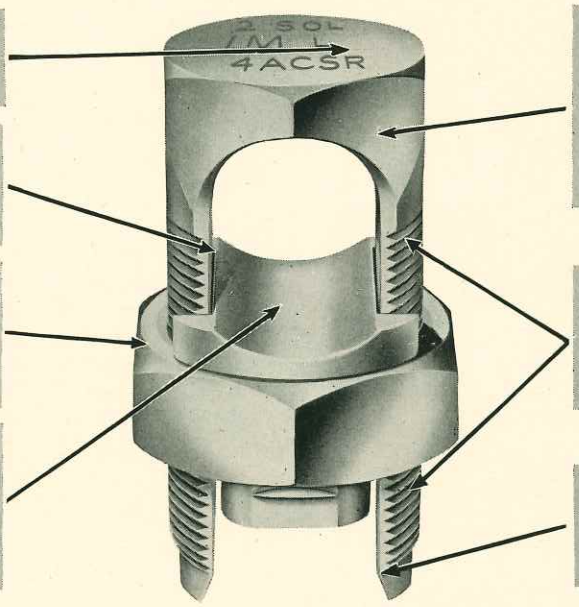
1. CLEAR SIZE MARKING. Wire size clearly marked on top of each connector for quick and easy identification in the field.

2. NO SHARP EDGES. Well-rounded edges throughout prevent wire from nicking and chafing . . . eliminates catching and tearing of lineman's glove.

3. HIGH STRENGTH, FREE RUNNING NUT. Easily threaded full length of body, insuring a good grip and providing a long-lasting, vibration-proof connection. No special tool needed for installing.

4. CLOSE FITTING PAD. Rounded bearing surface conforms to wire. Ends have slight flare to avoid nicking. Groove keeps conductors centered, prevents stranded wires from being flattened, permits application of maximum pressure.



5. EXCEPTIONALLY STRONG, HIGHLY CONDUCTIVE. Made of special analysis bronze, selected for its exceptional strength and good conductivity. Designed to develop a maximum of pressure for the applied torque.

6. ACCURATE MACHINE CUT THREADS. Threads are cut sharp and true by accurate machining. Assures easy threading, minimizes friction and provides highest pressure between conductors.

7. AMPLE BEVEL FOR CONVENIENCE IN THREADING. Allows easy assembly of nut and pad to connector body — acts as a guide in threading.

The finest mechanical features plus an easy-to-understand package system, which saves time, eliminates waste, and simplifies stock-taking, makes these L-M Kyle Connectors outstanding, both in the field and in the stockroom.

PACKAGING

L-M Kyle Connectors are packaged so that you can tell instantly what connector is on the inside . . . each package is plainly marked on **both ends** with its characteristics and the sizes and types of wire for which it is designed. And, to make identification even quicker and easier . . . each type and size connector is packaged with an individually colored label.

SHIPPING CARTONS

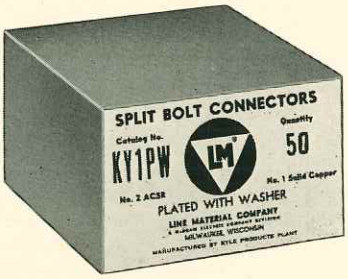
L-M Kyle Connectors are shipped in well constructed, durable, corrugated shipping cartons. For large orders, the cartons are of two standard sizes to accommodate three or five individual packages. To establish the identity of the connectors in the carton, a code color label is placed on one end, clearly marked with total weights and quantity of all connectors packed, plus their characteristics and the sizes and types of wire for which they are designed. Thus, connectors may be stored in the warehouse with the individual packages left in the shipping carton till such time as they are to be removed and placed on the stockroom shelves. Smaller orders of connectors are shipped with the individual packages fully wrapped with corrugated paper to protect them while in transit.

Package styled for rough handling as well as easy identification. Package when empty will support 200 pound weight.

Catalog Number Clearly Marked.

Wire Size — shows the size and type of wire the Connector will take. A different colored label is used for each size from No. 8 solid to No. 4/0 stranded.

Code symbol identifies type of Connector — Standard — Nut Retainer — Plated — Long — Plated With Washer — With Spacer Block.

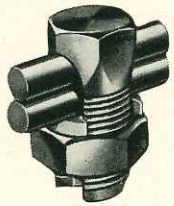
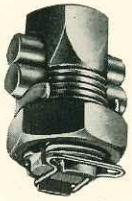
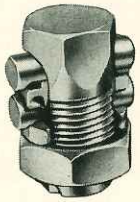
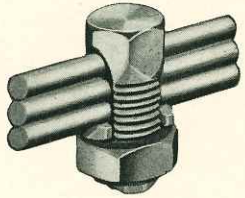


Quantity Clearly Marked.

SPLIT BOLT SOLDERLESS CONNECTOR

CATALOG NUMBERS

COPPER TO COPPER

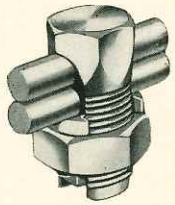





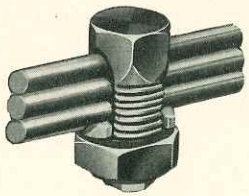
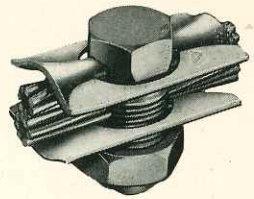
Wire Size			Bronze Split Bolt			Split Bolt With Nut Retainer			Split Bolt With Spacer Block			Bronze Split Bolt 3 Wire			Service Entrance		
Solid	Stranded	Type "A" Copper-weld	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred
10	10		**KY9**	200	1¾												
8	8		**KY8**	200	3												
6		8A	**KY6**	100	6¾	**KY6R**	100	6¾				**KY6L**	100	7¼	**KY6S**	100	2½
4	5	6A	**KY4**	100	8¾	**KY4R**	100	8¾	**KY4B**	100	9¼	**KY4L**	100	9½	**KY4S**	100	4
2	3	4A	**KY2**	50	12¾	**KY2R**	50	12¾	**KY2B**	50	14¼	**KY2L**	50	13¼	***KY4SPW**		
1	2		**KY1**	50	15	**KY1R**	50	15	**KY1B**	50	17						
2/0	1/0	2A	**KY10**	25	21½	**KY10R**	25	21½	**KY10B**	25	23						
3/0	2/0		**KY20**	25	34¼	**KY20R**	25	34¼	**KY20B**	25	38¼						
4/0	4/0		**KY40**	12	62½	**KY40R**	12	62½	**KY40B**	12	69½						
	350MCM		**KY350**	5	75				**KY350B**	5	75						
	500MCM		**KY500**	5	100				**KY500B**	5	100						
	750MCM		**KY750**	2	150				**KY750B**	2	150						
	1000MCM		**KY1000**	2	200				**KY1000B**	2	200						

For Prices Refer to Price List SC

***Plated with Washer for Aluminum Conductor.**

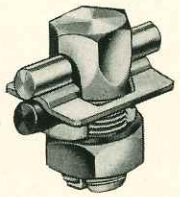
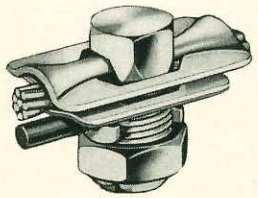
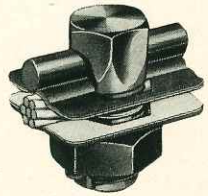
ALUMINUM TO ALUMINUM OR STEEL TO STEEL



Wire Size					Plated Bronze			Plated Bronze With Spacer Block			Three Wire Plated Bronze			Plated Bronze With Two Aluminum Washers		
Aluminum		Steel		Amer-ductor Three Strand	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred
Solid (B&S)	ACSR	Solid (AWG)	Three Strand													
8					**KY8P**	200	3									
6		6			**KY6P**	100	6¾				**KY6PL**	100	7¼			
4				8	**KY4P**	100	8¾	**KY4PB**	100	9¼	**KY4PL**	50	9½			
2	4	4	6	6	**KY2P**	50	12¾	**KY2PB**	50	14½	**KY2PL**	50	13½	**KY2AA**	25	13
1	2		4	4	**KY1P**	50	15½	**KY1PB**	50	17½				**KY1AA**	25	16
1/0	1			2	**KY10P**	25	22	**KY10PB**	25	24				**KY10AA**	25	22½
2/0	1/0				**KY20P**	25	34	**KY20PB**	25	39				**KY20AA**	25	35½
4/0	4/0				**KY40P**	12	63	**KY40PB**	12	70				**KY40AA**	12	65

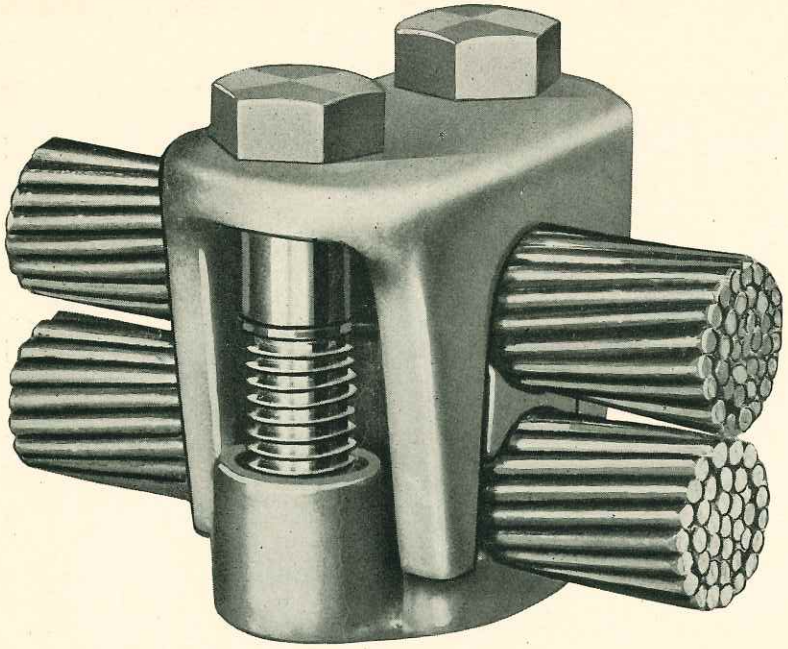
STEEL TO COPPER
ALUMINUM TO COPPER
COPPER TO ALUMINUM

Wire Size							Steel to Copper Plated Bronze with One Plated Washer			Aluminum to Copper Plated Bronze with One Aluminum and One Bi-metal Washer			Copper to Aluminum Bronze Body with Two Bi-metal Washers		
Aluminum		Steel		Amer-ductor Three Strand	Copper		Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred	Catalog Number	Std. Pkg.	Approx. Net Wt. Lbs. Per Hundred
Solid (B&S)	ACSR	Solid (AWG)	Three Strand		Solid	Stranded									
6		6			6		**KY6PW**	50	7				**KY6CA**	50	7
4				8	4	5	**KY4PW**	50	9				**KY4CA**	50	9
2	4	4	6	6	2	3	**KY2PW**	25	14	**KY2AC**	25	13¼	**KY2CA**	25	14
1	2		4	4	1	2	**KY1PW**	25	17	**KY1AC**	25	16	**KY1CA**	25	17
	1			2	2/0	1/0	**KY10PW**	25	23	**KY10AC**	25	22½	**KY10CA**	25	23
	1/0				3/0	2/0	**KY20PW**	25	35½	**KY20AC**	25	36	**KY20CA**	25	35½
	4/0				4/0	4/0	**KY40PW**	12	63	**KY40AC**	12	64½	**KY40CA**	12	63

For Prices Refer to Price List SC

L-M KYLE Heavy-Duty Connector



Permanent High Pressure Low Resistance Connection

The assembly consists of a cast bronze body and cap, copper spacer, and two high strength bronze bolts. The tightening force is distributed between the two bolts, which reduces friction and results in a high pressure connection at low values of applied torque.

The copper spacer bar between conductors distributes pressure evenly, preventing crushing and distortion of strands for a low resistance connection.

The locking action of the connector cap on the bolts prevents the connector from loosening due to vibration.

EASY TO INSTALL →

The self-aligning body and cap insure easy starting and threading of the bolts. The bolts are held in the body by a retaining ring, making it impossible for them to drop out during installation. The spacer is also retained in the body for proper positioning. It is only necessary to place the connector over one conductor, engage the bolts, insert the tap wire and tighten.

CATALOG NUMBERS

WIRE SIZE	Plated with Spacer	With Spacer	Without Spacer
2/0 Stranded.....	KY20HPB	KY20HB	KY20H
4/0 Stranded.....	KY40HPB	KY40HB	KY40H
350 MCM Stranded...	KY350HPB	KY350HB	KY350H
500 MCM Stranded...	KY500HPB	KY500HB	KY500H
750 MCM Stranded...	KY750HPB	KY750HB	KY750H
1000 MCM Stranded...	KY1000HPB	KY1000HB	KY1000H

The new L-M Kyle Heavy-Duty two bolt connector is designed for efficient, easily installed connections of large stranded wire. Available in sizes from 2/0 to 1000 MCM, it will take two copper or aluminum conductors of rated size, or one copper or aluminum conductor of rated size and any smaller tap-off.

Plated Connector Available for Aluminum Conductor.

For Prices Refer to Price List SC

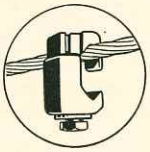
L-M FARGO VISE TYPE SOLDERLESS CONNECTORS

LM-Fargo Vise-Type Connectors are of one-piece construction — always threaded — no time lost starting a nut — no chance of cross threading — no loose parts to lose.

Connector bodies and bolts stand up under extreme service conditions . . . climatic, mechanical, chemical, and electrical. Bodies are made of a tough copper-silicon-manganese alloy with a copper content of 96%.

The bolt, forged and rolled for extra strength, with precise, deep-rolled threads, turns easily and develops high compression without stripping. Gives not less than 10 lbs. compression between conductors for every inch-pound of wrench pressure. High pressure at wire contact point develops tremendous vibration-proof bind from inside thrust.

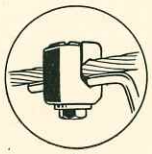
Safer to use near hot lines. Bolt tightens with short, easy twist of the wrist; no arm or shoulder swing needed. These connectors have a high salvage value.



1

Standard 5000 Series

2



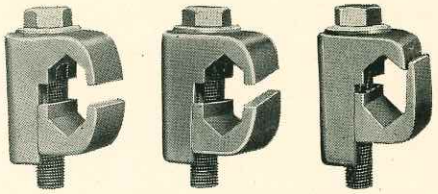
3

Catalog Numbers			Wire Size		Std. Carton Qty.	Approx. Shipping Wt. Lbs. Per 100
5000 Series	1300 Series	2200 Series	Solid	Stranded		
*5008	*1310	.....	8	8	100	7.0
*5006	*1311	*2220	6	8	100	9.0
5004	1312	2222	4	5	100	16.5
5002	1313-A	.....	2	3	100	19.0
5002-S	1313	.....	1	2	100	22.5
5020	1314-A	.....	2/0	1/0	50	29.0
5020-S	1314	.....	3/0	2/0	25	34.0
5040	1315	.....	4/0	4/0	25	50.0
5035	.....	.....	.....	350 MCM	12	140.0
5050	.....	.....	.....	500 MCM	12	160.0
5075	.....	.....	.....	750 MCM	6	200.0
5010	.....	.....	.....	1000 MCM	6	250.0

*If slotted bolt heads are desired add "S" to Catalog Number: Example 5006-S.

The "1300" series of the LM-Fargo Vise Type Connector is the original design of this type of connector. It has served the field for a good many years and is still in great demand.

The diagonal jaws on the "2000" series of the LM-Fargo Vise Type connector are preferred by some customers because of manner in which they cover the wires being held. This series, like the "1300" and "3200" series, has peened bolts which prevent the connector from coming apart and assure a one-piece assembly.



STRAIGHT JAW 1300 SERIES | DIAGONAL JAW 2200 SERIES | LAP JAW 3200 SERIES †

†Discontinued — Temporarily Available as Specials.

FARGO PLATED EVERDUR FARGO CONNECTORS

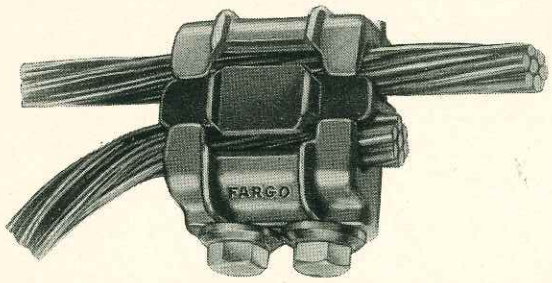
For Aluminum or Steel Conductors

(Available in zinc, tin or cadmium plating — Unless specified zinc over tin will be furnished)

Cat. No.	MAXIMUM SIZE OF CONDUCTOR OF EACH TYPE ACCOMMODATED								Std. Carton Qty.	Approx. Shipping Wt. Lbs. per 100
	Solid Alum. Wire	All Alum. Cable	ACSR	ACSR+ Armor	Amer-ductor	Amer-steel	Amer-ductor steel	Amer-steel +Armor		
A-5008	8	.....	.....	.....	....	....	.....	....	100	7.0
A-5006	6	.....	.....	....	12	8-S	.....	....	100	9.0
A-5004	4	5, 6	6	....	8, 8X, 10	8-3S & 6-S	.....	....	100	16.5
A-5002	2	3, 4	5, 4	....	6	6-3S & 4-S	.....	....	100	19.0
A-5002-S	1	2	3	....	4	4-3S	.....	....	100	22.5
A-5020	2/0	1/0	2, 1	....	....	....	12	8-S	50	29.0
A-5020-S	3/0	2/0	1/0	6	2	....	6, 8, 8X, 10	6-3S 8-3S 4-S 6-S	25	34.0
A-5040	4/0	4/0	2/0, 3/0	5	....	....	4	4-3S	25	50.0
A-5035	...	250 MCM to 350 MCM incl.	266.8 MCM to 300 MCM incl.	2, 1	....	....	2	....	12	140.0
A-5050	...	397.5 MCM to 500 MCM incl.	336.4 MCM to 397.5 MCM incl.	1/0,2/0,3/0	....	....	.....	....	12	160.0
A-5075	...	556.5 MCM to 750 MCM incl.	605 MCM to 636 MCM incl.	4/0	....	....	.....	....	6	200.0
A-5010	...	795 MCM to 1000 MCM incl.	874.5 MCM to 900 MCM incl.	....	....	....	.....	....	6	250.0

heavy duty

L-M FARGO SPACER TYPE CONNECTOR



Copper to Copper

Spacer bar of electrolytic copper, distributes contact pressure over greater area between conductors. Curved jaws minimize conductor distortion and the cold flow or relaxation of the conductor metal. Increased width of connector assures each strand coming under a pressure zone. Massive proportion dispels normal load heating, as well as helping to carry abnormal short circuit currents. All vise type advantages. This spacer bar connector has the same vibration proof, vise-type body as the regular one-piece L-M FARGO connector. No threads to engage, or extra parts to put in place.

7000 SERIES — ONE AND TWO BOLT

Catalog Number	Conductor Range		Decimal Range * * Inches		Std. Pkg.	Shipping Wt. Lbs. Per 100
	Max.	Min.	Max.	Min.		
7002 *	2 Str.	6 Sol.	.320	.162	50	38
7020	2/0 Str.	4 Str.	.414	.232	50	70
7040	4/0 Str.	1/0 Str.	.552	.368	25	145
7350	350 MCM	4/0 Str.	.710	.528	12	370
7500	500 MCM	350 MCM	.813	.679	6	425
7750	750 MCM	500 MCM	.998	.811	6	535
7100	1000 MCM	750 MCM	1.152	.997	6	650

*One bolt construction, all others two bolt.

* *Connector will close on two conductors of both minimum and maximum ratings except 7002 which will close on No. 6 Sol. and one No. 2 Strand.

ALL PURPOSE USE: For use on galvanized steel, Amerductor, Aluminum and combinations of these conductors with copper, an all plated (zinc) bronze connector is recommended.

7000-P ALL PURPOSE

ZINC PLATED BRONZE CONNECTOR, HEAVY DUTY TYPE WITH SPACER BAR
All Purpose — For Copper, Galvanized Steel, Amerductor and Aluminum Connections

Catalog Number	Copper Conductor Range		Aluminum Conductor Range		* *Decimal Range Inches		Std. Pkg.	Shipping Wt. Lbs. Per 100
	Max.	Min.	ACSR	ACSR & Armor	Max.	Min.		
7002-P *	2 Str.	6 Sol.	4	....	.320	.162	50	38
7020-P	2/0 Str.	4 Str.	1/0	#7	.414	.232	50	70
7040-P	4/0 Str.	1/0 Str.	3/0	#3	.552	.368	25	145
7350-P	350 MCM	4/0 Str.	300 MCM	#1	.710	.528	12	370
7500-P	500 MCM	350 MCM	397.5 MCM	2/0	.813	.679	6	425
7750-P	750 MCM	500 MCM	636 MCM	4/0	.998	.811	6	535
7100-P	1000 MCM	750 MCM	900 MCM	....	1.152	.997	6	650

For Prices Refer to Price List SC

7000-A ALUMINUM ONLY

ALL ALUMINUM CONNECTOR
Heavy Duty Type with Spacer Bar

Catalog Number	Conductor Range				* *Decimal Range Inches		Std. Pkg.	Approx. Shipping Wt. Lbs. Per 100
	All Aluminum		ACSR	ACSR and Armor				
	Max.	Min.			Max.	Min.		
7350-A	350 MCM	4/0 Str.	300 MCM	#1	.710	.528	12	168
7500-A	500 MCM	350 MCM	397.5 MCM	2/0	.813	.679	6	175
7750-A	750 MCM	500 MCM	636 MCM	4/0	.998	.811	6	240
7100-A	1000 MCM	750 MCM	900 MCM	....	1.152	.997	6	300

7000-ACB SPECIAL ALUMINUM TO COPPER

ALL ALUMINUM HEAVY DUTY TYPE WITH SPACER BAR AND BIMETAL INSERTS AS IN 9000 SERIES TYPE 4 CONNECTOR FOR ALUMINUM TO COPPER CONNECTIONS

Catalog Number	Conductor Range				Decimal Range in Inches				Std. Pkg.	Approx. Shipping Wt. Lbs. Per 100
	Aluminum		Copper		Aluminum		Copper			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
7500-ACB	500 MCM	336.4 MCM	500 MCM	350 MCM	.813	.666	.813	.679	6	190
7750-ACB	750 MCM	397.5 MCM	750 MCM	500 MCM	1.000	.724	1.000	.811	6	268
7100-ACB	1000 MCM	500 MCM	1000 MCM	750 MCM	1.151	.811	1.152	.998	6	325

L-M FARGO 8000 UNIVERSAL CONNECTOR FOR DISTRIBUTION TAPS

Primarily for distribution connections, the "8000" series is a spacer bar connector that has all the vise type advantages. A plated bronze is available for any combinstion of connections involving conductors of Aluminum, Copper, Amerductor, Amersteel, Galvanized Steel, Crapo, Stainless Steel, Copper-weld-steel, etc.

8000 UNIVERSAL CONNECTOR

Catalog Number		Solid Cu.	Stranded Copper	ACSR	ACSR+ Armor	All Aluminum	Amerductor SCP or SCG	Amersteel Type S	Amersteel Type 3S	CWC	Quan. Std. Carton	Approx Ship. Wt. Lbs. per 100
*Cu. to Cu. Connections	◐ All Purpose Use											
8002	**8002-P**	2	3	4	...	3	6	4	6	5A	100	17½
8010	**8010-P**	1/0	1	2	...	1	4	...	4	3A	50	24
8020	**8020-P**	3/0	2/0	1/0	...	2/0	4	...	...	2A	25	52
8040	**8040-P**	4/0	4/0	4/0	4	4/0	2	...	...	...	25	56
8300	**8300-P**	4/0	350 MCM	300 MCM	1	350 MCM	...	...	...	...	12	166

The maximum wire combination of each connector is TWO conductors of the size listed horizontally across from the size reference in the column under each conductor type. The minimum wire combination of each connector size is ONE #8 solid wire and ONE of the maximum conductor of the next smaller size connector. The smallest size (8002) of connector will close on TWO #8 solid wires.

*Bronze Body — Copper Spacer. ◐Bronze Body — Copper Spacer — Plated.

9000 SERIES CONNECTORS

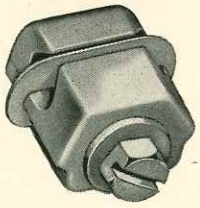
For use on Aluminum Galvanized Steel and Aluminum or Steel to Copper

The aluminum parts of all 9000 series connectors are made of "Tenzaloy", an excellent high strength and hardening aluminum alloy. The bronze part of these connectors is cast Everdur.

Design Types 1 and 2 are used in the smaller wire sizes, up to and including 4 ACSR the spacers are either aluminum or bimetal stampings. Galvanized steel bolts are used with aluminum castings and Duronze bolts with Everdur castings. Slotted bolts are only furnished upon request.

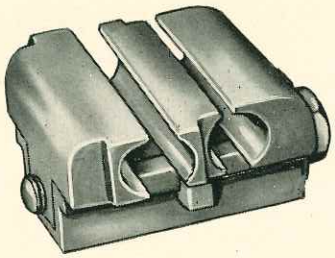
Types 3 and 4, the larger sizes above 4 ACSR, have cast aluminum spacers. The aluminum to copper types are equipped with bimetal inserts.

"A" in the catalog number, as in 9000-A, indicates that the connector is for aluminum to aluminum or galvanized steel wire use. "AC" in the catalog number, as in 9000-AC, indicates that the connector is for aluminum or galvanized steel to copper use.

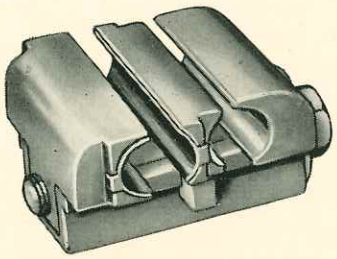


TYPE 1
Male — Cast Al.
Female — Cast Al.
Spacer — Al. Stamping

TYPE 2
Male — Cast Everdur
Female — Cast Al.
Spacer — Bimetal Stamping



TYPE 3
Male — Cast Al.
Female — Cast Al.
Spacer — Cast Al.



TYPE 4
Female — Cast Al.
Male and Spacer — Cast Al.
with Bimetal Inserts

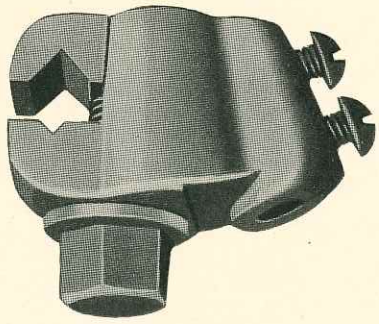
Catalog Number	Type	Max. * Wire Size	Decimal Range				Std. Pkg.	Approx. Shipping Weight Lbs. per 100
			Aluminum		Copper			
			Max.	Min.	Max.	Min.		
9006AC	2	6 Sol.	.162	.128	.162	.128	100	7
9004AC	2	4 Sol.	.204	.128	.204	.128	100	9
9004SA	1	4 ACSR	.257	.128	....	....	50	12
9004SAC	2	4 ACSR	.257	.128	.257	.128	50	16
9002A	3	2 ACSR	.325	.162	....	....	25	25
9002AC	4	2 ACSR	.325	.162	.292	.128	25	26
9020A	3	1/0 ACSR	.398	.204	....	....	25	33
9020AC	4	1/0 ACSR	.398	.204	.368	.162	25	34
9040A	3	4/0 ACSR	.563	.355	....	....	15	63
9040AB * *	3	4/0 ACSR	.563 .447	.355 Run .204 Tap			15	65
9040AC	4	4/0 ACSR	.563	.355	.522	.328	15	64
9040ACB * *	4	4/0 ACSR	.563	.355	.368	.162	15	66
9400A	3	397,500 A1	.724	.642	....	....	15	80
9400AB * *	3	397,500 A1	.724 .586	.642 Run .204 Tap			15	82
9400AC	4	397,500 A1	.724	.642	.574	.414	15	86
9400ACB * *	4	397,500 A1	.724	.642	.528	.162	15	88

*All 9000-A connectors in above listing will accommodate 2 wires of the maximum size.

* *Catalog Numbers followed by "B" are **special** wide range connectors. Run side is standard and the tap side is designed for small tap off wires.

For Prices Refer to Price List SC

L-M FARGO SINGLE TAP (COPPER) CONNECTORS



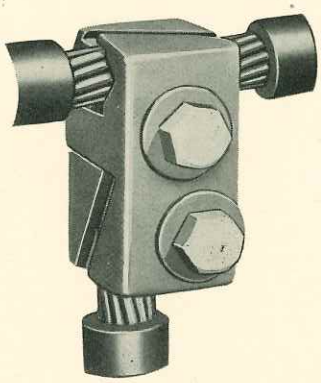
Made of copper, but can be furnished zinc over tin plated for aluminum cable, if specified. Designed to take a tap off a main line. Consists of the LM-Fargo Unit Connector and an additional lug with two set screws for securing the tap or leadoff wire. Its practical design permits various uses, such as anchor clamps for jumpers, transformer installations, etc. The elongated head on the bolt assures a firm seat in a socket wrench.

SINGLE TAP

Cat. No.	Run	Tap	Std. Pkg.	Approx. Ship. Wt. Lbs. Per 100
214	6-2	*Up to 2 Str.	100	21
210	2-1/0 Str.	*Up to 2 Str.	50	46
208	2/0-4/0 Str.	*Up to 2 Str.	25	116

*Drilled to customer's specifications. Please advise when ordering.

L-M FARGO "T" CONNECTORS (COPPER)



The "T" Connector, made of copper, can be furnished zinc over tin plated for aluminum cable, if specified. It is designed for a quick, permanent "T" connection. Consists of two LM-Fargo Vise Connectors placed back-to-side.

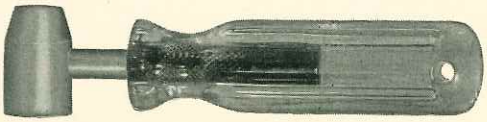
"T" CONNECTOR

Cat. No.	Run	Tap	Std. Pkg.	Approx. Ship. Wt. Lbs. Per 100
FT 42	4 Sol.-2 Str.	8 Sol.-2 Str.	50	46
FT 110	1 Sol.-1/0 Str.	8 Sol.-1/0 Str.	25	60
FT 2030	2/0 Sol.-3/0 Str.	6 Sol.-3/0 Str.	12	68
FT 4025	4/0 Str. 250 MCM	4 Sol. 250 MCM	12	75

L-M FARGO CONNECTOR WRENCHES

GP-200

GP-201



GP-202

Three styles of wrenches for use with L-M Fargo connectors are available. Each wrench will fit the screw heads on all connectors from No. 8 to No. 4/0 str. (3/8" and 9/16").

The GP 200 is a standard socket head with one screw head size on each side of the socket.

The GP 201 is a flat ratchet type with box type sockets on each end.

The GP 202 is the standard socket with a molded handle which offers a better grip and insulates the handle.

They are ruggedly built of hardened steel and are either zinc or chromium plated for long life.

Catalog Number	Standard Package	Approx. Shipping Wt. Lbs. per 100
GP200	10	45
GP201	10	50
GP202	10	50

L-M FARGO AUTOMATIC LINE SPLICES

The automatic splice is a safe, durable and time-saving method for end-to-end conductor fastening. They are better electrically than an equal length of conductor and will hold under tension to the ultimate strength of the wire or cable. Once subjected to line tension the gripping cones set up firmly but they can be released readily for salvage.

The JS Series splice is a small, automatic splice designed to fit one conductor size only and eliminating reclaimable features of the Standard LS Series.

The NS series is frequently used to make up rigid assemblies on the ground. The nuts afford a further means of securing the conductor before the line is put under tension.

The CLS series is designed specifically to hold copperweld-copper conductors to their ultimate strength.

The RLS series represents a line of reducing splices which permits end-to-end fastening of two different sized conductors. All features of the standard splices are incorporated. Available on specific order for most size ranges.

STANDARD LINE SPLICE

THE JUNIOR LINE SPLICE

Cat. No.	Wire Size	Ship. Wt. per 100	Std. Pkg.
JS-8	#8 Sol.	8 lbs.	50
JS-6	#6 Sol.	8 lbs.	50
JS-4	#4 Sol.	13 lbs.	50
JS-4S *	#4 Str.	17 lbs.	50
JS-3	#3 Sol.	17 lbs.	50
JS-3S *	#3 Str.	17 lbs.	50
JS-2	#2 Sol.	17 lbs.	50
COPPERWELD-COPPER COMPOSITE CONDUCTORS			
JS-8A	#8A	13 lbs.	50
JS-6A	#6A	17 lbs.	50
JS-4A	#4A	17 lbs.	50

*7 Strand.

Note: On Copperweld-Copper composite conductors these splices are rated at a minimum of 80% of rated conductor strength. If approximately 100% strength is called for, the Copperweld Special (CLS Series) should be used.

STANDARD LINE SPLICES

Cat. No.	WIRE SIZE AWG			Range Inches	Std. Pkg.	Approx. Ship. Wt. Lbs. per 100
	COPPER		Copper-weld-Copper			
	Solid	Stranded				
LS-6	6	8	....	.146–.162	50	20
LS-4	4	6 or 5	8A	.183–.206	50	26
LS-3	3	4	6A	.229–.232	50	35
LS-2	2	3	5A	.257–.260	50	35
LS-1	1	2	4A	.289–.292	25	42
LS-10	1/0	1	3A	.324–.328	25	50
LS-20	2/0	1/0	2A	.365–.368	25	64
LS-25	3/0	2/0	....	.410–.414	25	76
LS-30	4/0	3/0	....	.460–.464	25	120
LS-40	....	4/0	....	.522–.528	25	125
LS-50	....	250MCM	....	.574–.575	20	130
LS-300	....	300MCM	....	.629–.630	12	290
LS-350	....	350MCM	....	.679–.681	12	300
LS-400	....	400MCM	....	.726–.728	12	300
LS-450	....	450MCM	....	.770–.772	12	400
LS-500	....	500MCM	....	.811–.813	12	400

Plated splices (zinc over tin) are now available for all purpose use. To order add prefix "P" to Cat. No. — Example, PLS-6.

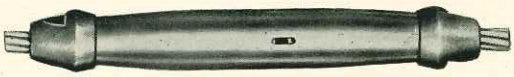
JUNIOR LINE SPLICE

ALUMINUM LINE SPLICE

It is made entirely of aluminum, with its gripping jaw precision machined to assure full holding power. Individually packed with grease for protection. Available in sizes from 6 Sol. through 397.5 MCM.

Cat. No.	WIRE SIZE AWG		Std. Pkg.	Shipping Weight Lbs. per 100
	All Aluminum			
	Solid	Stranded		
ALS-6	6	8	50	9
ALS-4	4	6 or 5	50	11
ALS-3	3	4	50	14
ALS-2	2	3	50	14
ALS-1	1	2	25	15
ALS-10	1/0	1	25	19
ALS-20	2/0	1/0	25	24
ALS-25	3/0	2/0	25	30
ALS-30	4/0	3/0	25	50
ALS-40	....	4/0	25	52
ALS-266	....	266,800	20	79
ALS-300	....	300,000	20	84
ALS-366	....	366,400	12	87
ALS-397	....	397,500	12	90

The splices for 7 strand All Aluminum are rated for 100% of the strength of the conductor. On conductors over 7 strand the rated strength of the splice is between 70% and 85% depending on stranding and wire size.



NUT TYPE LINE SPLICE

NUT TYPE LINE SPLICES

Note: These splices are made to order. Therefore be sure to specify the size and type of wire for which they are intended.

Cat. No.	WIRE SIZE AWG		Std. Pkg.	Approx. Shipping Wt. Lbs. Per 100
	Copper			
	Solid	Stranded		
NS-10	1/0	1	10	100
NS-20	2/0	1/0	10	110
NS-25	3/0	2/0	10	120
NS-30	4/0	3/0	10	190
NS-40	....	4/0	10	200
NS-50	....	250 MCM	10	210

For Prices Refer to Price List SC—S

COPPERWELD SPECIAL

Note: On Copperweld Conductors the Standard Splice tests around 80% of the rated breaking load. If approximately 100% strength is called for, the Copperweld Special should be used.

Cat. No.	Copperweld-Copper Size	Std. Pkg.	Approx. Shipping Wt. Lbs. Per 100
CLS-312	3 #12, 8C or 9½D	50	30
CLS-310	3#10	50	30
CLS-4	8A	25	32
CLS-3	6A	25	40
CLS-1	4A	25	46

REDUCING SPLICES

Cat. No.	WIRE SIZE AWG				Std. Pkg.	Approx. Shipping Wt. Lbs. per 100
	Large End		Small End			
	Solid	7 or 19 Strand	Solid	7 or 19 Strand		
RLS-46	4	6	6	8	50	24
RLS-36	3	4	6	8	50	25
RLS-34	3	4	4	6	50	36
RLS-26	2	3	6	8	50	25
RLS-24	2	3	4	6	50	36
RLS-16	1	2	6	8	25	30
RLS-14	1	2	4	6	25	34
RLS-13	1	2	3	4	25	40
RLS-12	1	2	2	3	25	40
RLS-103	1/0	1	3	4	25	40
RLS-102	1/0	1	2	3	25	40
RLS-101	1/0	1	1	2	25	41
RLS-203	2/0	1/0	3	4	25	42
RLS-202	2/0	1/0	2	3	25	43
RLS-201	2/0	1/0	1	2	25	44
RLS-204	2/0	1/0	4	6	25	56
RLS-2010	2/0	1/0	1/0	1	25	63
RLS-303	3/0	2/0	3	4	25	64
RLS-302	3/0	2/0	2	3	25	64
RLS-301	3/0	2/0	1	2	25	65
RLS-3010	3/0	2/0	1/0	1	25	66
RLS-3020	3/0	2/0	2/0	1/0	25	72
RLS-4030	4/0	3/0	3/0	2/0	25	80
RLS-40S20	....	4/0	2/0	1/0	25	85
RLS-40S30	....	4/0	3/0	2/0	25	90
RLS-40S40	....	4/0	4/0	3/0	25	106
RLS-5040	....	250 MCM	....	4/0	25	115

INSULATED LINE SPLICES

TYPE SFO LARGE PORCELAIN

The Insulated Line Splice is a ruggedly constructed end-to-end wire fastening that is adaptable where insulated breaks in main line wires are required.

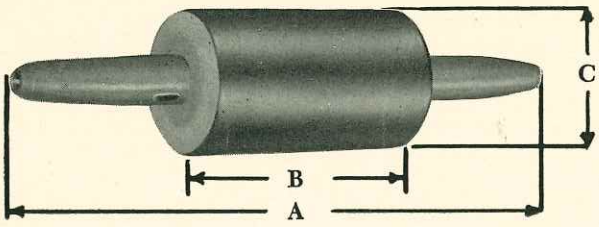
Gripping units are the same as those in the L-M Fargo automatic line splices. Insulators are glazed porcelain with high dielectrical characteristics.

Catalog No.	Wire Sizes			Approx. Ship. Wt. Lbs. per 100
	Solid	Stranded	Copperweld	
SFO-6	6	8	....	300
SFO-4	4	5 or 6	8A	300
SFO-3	3	4	6A	300
SFO-2	2	3	5A	300
SFO-1	1	2	4A	300
SFO-10	1/0	1	3A	300
SFO-20	2/0	1/0	2A	300
SFO-25	3/0	2/0	....	300

Performance data applicable to all sizes listed:

	SFO-6-4	SFO-25-20-10 1-2-3
Minimum Tensile Breaking Load	3600 Lbs.	5000 Lbs.
Dry Flashover	55 Kv	55 Kv
Wet Flashover	28 Kv	28 Kv
Leakage Distance	5 11/16"	5 7/8"

INSULATED LINE SPLICES (SFT Series)



Catalog Number	A	B	C
SFT-8, 6	6¾″	3 ″	1¾″
SFT-4	7 ″	3 ″	1¾″
SFT-46	6⅞″	3 ″	1¾″
SFT-3, 2, 1	8½″	3½″	2 9/16″

This lightweight insulated splice is designed primarily for series street lighting circuits. It is particularly adapted to cutting in new lights on old circuits, since no additional wire has to be spliced in to break the circuit.

It is also recommended for use on secondaries "back-to-back" and as a primary break for fusing cutouts. Its use often saves expensive dead-ending of the conductors. Insulator is made of Steatite with exceptionally high mechanical and electrical characteristics.

All insulated splices are equipped with release holes so the conductor can be removed.

Operating Characteristics
(Based on tests in accordance with AIEE Standard #41-1944: ASA-C291-1944)

	SFT-8, 6, 4, 46	SFT-3, 2, 1
Dry Flashover	50 Kv	60 Kv
Wet Flashover	18 Kv	21 Kv
Puncture under oil	110 Kv	125 Kv
Leakage distance	3⅝″	4 15/16″
Net weight	13 oz.	2¼ lb.
Minimum tensile strength (insulator)	2500 Lb.	3600 Lb.

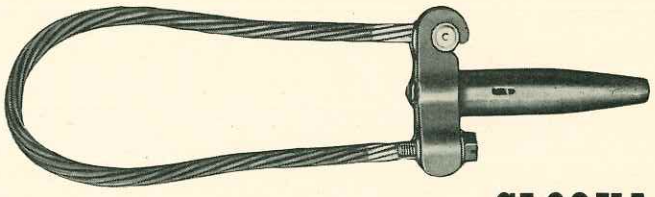
Catalog Number	Wire Size		Shipping Weight Lbs. Per 100
	Solid	Stranded	
SFT-8	8	....	115
SFT-6	6	....	120
SFT-4	4	....	125
SFT-46	4 to 6	....	123
SFT-3	3	4	123
SFT-2	2	3	262
SFT-1	1	2	280

L-M FARGO DEAD ENDS

The CL69XA Series includes an aluminum dead end gripping unit attached to a plated (tin over zinc) yoke, permanently hinged on one side to a copperweld bail with pushout fastening on the opposite side.

The construction will allow the removal of the Copperweld bail by unscrewing one screw and thus permitting it to hinge to one side. The hinging of the bail gives plenty of room for threading through the hole of an insulator, secondary rack, etc.

The outstanding feature of this dead end is that it is entirely one assembly, with no parts to lose. It is strong, light and inexpensive.



CL69XA
for Aluminum

Cat. No.	WIRE SIZE All Aluminum		Approx. Length Overall	Approx. Length Bail to Yoke	Std. Pkg.	Approx. Shipping Wt. Lbs. Per 100
	Solid	Stranded				
CL69XA6	6	8	8″	6½″	50	75
CL69XA4	4	6 or 5	8½″	6¾″	50	80
CL69XA3	3	4	9″	6¾″	25	111
CL69XA2	2	3	9″	6¾″	25	111
CL69XA1	1	2	9¼″	6¾″	25	152
CL69XA10	1/0	1	9¾″	6¾″	25	157
CL69XA20	2/0	1/0	10¼″	6¾″	25	246
CL69XA25	3/0	2/0	10¼″	7¾″	10	323
CL69XA30	4/0	3/0	11″	7¾″	10	366
CL69XA40	....	4/0	11″	7¾″	10	374

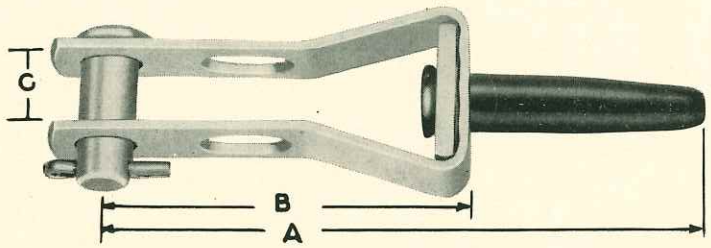
For Prices Refer to Price List SC—S

L-M FARGO DEAD ENDS

CL69X for Copper

Catalog Number	WIRE SIZE				Approximate Length		Std. Pkg.
	Copper		Copperweld				
	Solid	Stranded	Copper—80% Rated Load	Special—100% Rated Load	Overall	Bail to Yoke	
CL69X6	6	8	....	....	8 "	6½"	50
CL69X4	4	6 or 5	8A	....	8½"	6¾"	50
CL69X3	3	4	6A	....	9 "	6¾"	25
CL69X2	2	3	5A	....	9 "	6¾"	25
CL69X1	1	2	4A	....	9¼"	6¾"	25
CL69X10	1/0	1	3A	....	9¾"	6¾"	25
CL69X20	2/0	1/0	2A	....	10¼"	6¾"	25
CL69X25	3/0	2/0	....	....	10¼"	7¾"	10
CL69X30	4/0	3/0	....	....	11 "	7¾"	10
CL69X40	....	4/0	....	....	11 "	7¾"	10
CL69X50	....	250 MCM	....	....	....	....	10
CLS69X4	....	....	....	8A	8½"	6¾"	25
CLS69X3	....	....	....	6A	9 "	6¾"	25
CLS69X1	....	....	....	4A	9¼"	6¾"	25

A number of revisions and additions have been necessary to bring the Dead End Section up-to-date. This special section replaces data now shown on page 15 of Bulletin SC1.



The 260780Z and 260087A Series have a strong well galvanized strap with a galvanized pin and cotter key. Dead End is easy to handle and install. The gripping unit and clevis cannot be disassembled. This eliminates the possibility of some parts falling to the ground when the line man is working on the pole.

260780Z for Copper

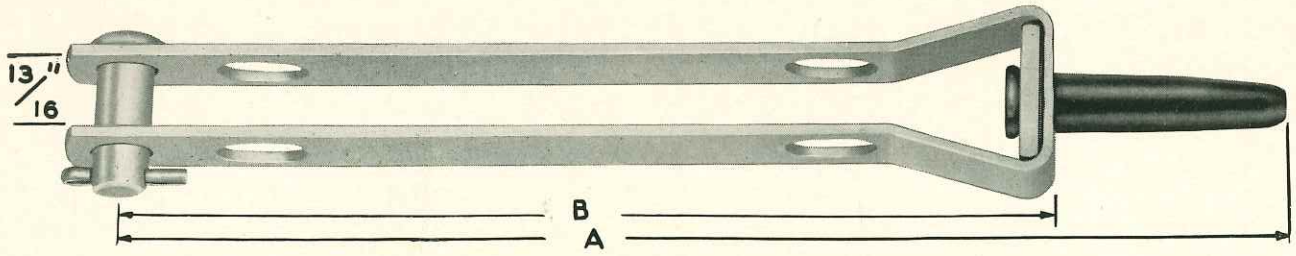
Catalog Numbers	WIRE SIZE				Dimensions			Std. Pkg.
	Copper		Copperweld					
	Solid	Stranded	Copper—80% Rated Load	Special—100% Rated Load	A	B	C	
260780Z6	6	8	.....	....	6¼"	4 "	13/16"	50
260780Z4	4 or 5	5 or 6	8A	....	6⅝"	4 "	13/16"	50
260780Z3	3	4	6A	....	8 "	5¼"	13/16"	25
260780Z2	2	3	5A	....	8⅛"	5¼"	13/16"	25
260780Z1	1	2	4A	....	8¼"	5¼"	13/16"	25
260780Z10	1/0	1	3A	....	8½"	5¼"	13/16"	25
260780Z20	2/0	1/0	2A	....	8⅝"	5¼"	13/16"	25
260780Z25	3/0	2/0	....	....	9¾"	6¼"	13/16"	10
260780Z30	4/0	3/0	....	....	9⅞"	6¼"	13/16"	10
260780Z40	....	4/0	....	....	9⅞"	6¼"	13/16"	10
260780Z50	....	250 MCM	....	....	9⅞"	6¼"	13/16"	10
260780Z300	....	300 MCM	....	....	12½"	7 "	1⅛"	10
260780Z350	....	350 MCM	....	....	12½"	7 "	1⅛"	10
260780Z400	....	400 MCM	....	....	12½"	7 "	1⅛"	10
260780Z450	....	450 MCM	....	....	12½"	7 "	1⅛"	10
260780Z500	....	500 MCM	....	....	12½"	7 "	1⅛"	10
260780ZS1	....	....	....	4A	8⅛"	5¼"	13/16"	25
260780ZS3	....	....	....	6A	8 "	5¼"	13/16"	25
260780ZS4	....	....	....	8A	6⅝"	4 "	13/16"	25

260087A for Aluminum

Catalog Numbers	WIRE SIZE		Dimensions			Standard Package
	All Aluminum					
	Solid	Stranded	A	B	C	
260087A6	6	8	6¼"	4 "	13/16"	100
260087A4	4	6	6⅝"	4 "	13/16"	100
260087A3	3	4	8 "	5¼"	13/16"	65
260087A2	2	3	8⅛"	5¼"	13/16"	65
260087A1	1	2	8¼"	5¼"	13/16"	65
260087A10	1/0	1	8½"	5¼"	13/16"	65
260087A20	2/0	1/0	8⅝"	5¼"	13/16"	35
260087A25	3/0	2/0	9¾"	6¼"	13/16"	35
260087A30	4/0	3/0	9⅞"	6¼"	13/16"	35
260087A40	.....	4/0	9⅞"	6¼"	13/16"	35
260087A226	.....	266,800 C.M.	11¾"	6¼"	13/16"	35
260087A336	.....	300,000 C.M. 336,400 C.M.	11¾"	6¼"	13/16"	15
260087A397	.....	397,500 C.M.	11¾"	6¼"	13/16"	15

For Prices Refer to Price List SC—S

L-M FARGO DEAD ENDS

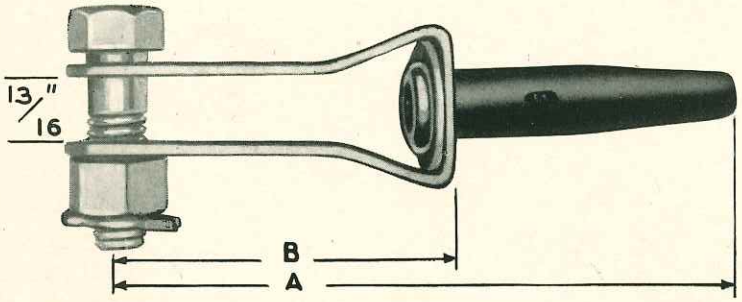


260089A for Aluminum

Catalog Numbers	WIRE SIZE All Aluminum Scl.	WIRE SIZE All Aluminum Str.	Dimensions Inches A	Dimensions Inches B	Std. Pkg.
260089A25	3/0	2/0	15 5/8	12 1/8	....
260089A30	4/0	3/0	15 3/4	12 1/8	....
260089A40	....	4/0	15 3/4	12 1/8	....
260089A226	....	266,800CM	17 5/8	12 1/8	....
260089A336	....	300,000CM 336,400CM	17 5/8	12 1/8	....
260089A397	....	397,500CM	17 5/8	12 1/8	....

260082A for Copper

Catalog Numbers	WIRE SIZE Copper Sol.	WIRE SIZE Copper Str.	WIRE SIZE Copperweld Sol.	WIRE SIZE Copperweld Str.	Dims. Inches A	Dims. Inches B	Std. Pkg.
260082A25	3/0	2/0	3/0	7 No. 9	15 5/8	12 1/8	..
260082A30	4/0	3/0	4/0	....	15 3/4	12 1/8	..
260082A40	...	4/0	...	....	15 3/4	12 1/8	..
260082A50	...	250 MCM	...	....	15 3/4	12 1/8	..



The CL27X and 260088A Series have a strong, well galvanized strap clevis. A ball and socket mounting between the clevis and wire gripping unit permits universal joint action but will not come apart. The assembly is complete with a galvanized nut, bolt and cotter key.

CL27X for Copper

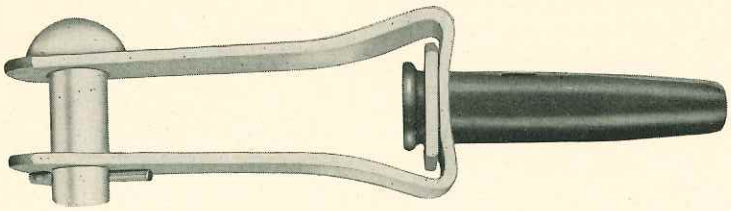
Catalog Number	WIRE SIZE Copper Solid	WIRE SIZE Copper Stranded	WIRE SIZE Copperweld Copper 80% R.L.	WIRE SIZE Copperweld Special 100% R.L.	Dimensions A	Dimensions B	Std. Pkg.
CL27X6	6	8	....	....	5 3/4"	3 1/2"	50
CL27X4	4 or 5	5 or 6	8A	....	5 7/8"	3 1/2"	50
CL27X3	3	4	6A	....	6 3/8"	3 1/2"	25
CL27X2	2	3	5A	....	6 3/8"	3 1/2"	25
CL27X1	1	2	4A	....	6 3/4"	3 3/4"	25
CL27X10	1/0	1	3A	....	7 "	3 3/4"	25
CL27X20	2/0	1/0	2A	....	7 3/8"	4 "	25
CL27X25	3/0	2/0	....	....	7 1/2"	4 "	10
CL27X30	4/0	3/0	....	....	8 3/4"	4 3/4"	10
CL27X40	....	4/0	....	....	8 3/4"	4 3/4"	10
CL27X50	....	250 MCM	....	....	8 3/4"	4 3/4"	10
CLS27X1	....	....	....	4A	6 3/4"	3 3/4"	25
CLS27X3	....	....	....	6A	6 3/8"	3 1/2"	25
CLS27X4	....	....	....	8A	5 7/8"	3 1/2"	25

260088A for Aluminum

Catalog Number	All Aluminum Solid	All Aluminum Stranded	Dimensions A	Dimensions B	Std. Pkg.
260088A6	6	8	5 3/4"	3 1/2"	..
260088A4	4	6 or 5	5 7/8"	3 1/2"	..
260088A3	3	4	6 3/8"	3 1/2"	..
260088A2	2	3	6 3/8"	3 1/2"	..
260088A1	1	2	6 3/4"	3 3/4"	..
260088A10	1/0	1	7 "	3 3/4"	..
260088A20	2/0	1/0	7 3/8"	4 "	..
260088A25	3/0	2/0	7 1/2"	4 "	..
260088A30	4/0	3/0	8 3/4"	4 3/4"	..
260088A40	....	4/0	8 3/4"	4 3/4"	..

For Prices Refer to Price List SC—S

L-M FARGO DEAD ENDS



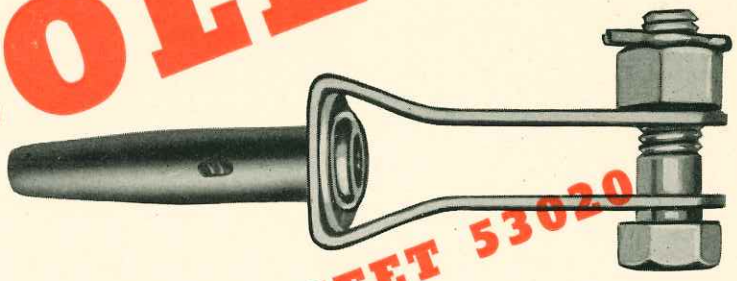
The 260780XA Series has a strong, well galvanized strap with a galvanized pin and cotter key. Dead End is easy to handle and install. The aluminum gripping unit and clevis cannot be disassembled. This eliminates the possibility of some parts falling to the ground when the line man is working on the pole.

THIS PAGE IS OBSOLETE
REFER TO NEW SHEET 53020

260780XA
for Aluminum

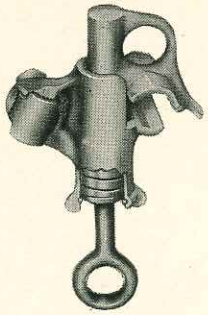
Catalog Number	WIRE SIZE All Aluminum Solid	WIRE SIZE All Aluminum Stranded	Steel for Clevis	Std. Pkg.	Approx. Shipping Wt. Lbs. per 100
260780XA6	6	8	#10 (.134) x 1¼″	100	80
260780XA4	4	6 or 5	#10 (.134) x 1¼″	100	82
260780XA3	3	4	#10 (.134) x 1½″	65	105
260780XA2	2	3	#10 (.134) x 1½″	65	105
260780XA1	1	2	#10 (.134) x 1½″	65	118
260780XA10	1/0	1	#10 (.134) x 1½″	65	121
260780XA20	2/0	1/0	3/16″ x 2¼″	35	222
260780XA25	3/0	2/0	3/16″ x 2¼″	35	227
260780XA30	4/0	3/0	3/16″ x 2¼″	35	257
260780XA40	.....	4/0	3/16″ x 2¼″	35	259
260780XA266	266,800	.....	3/16″ x 2¼″	35	448
260780XA300	300,000	.....	3/16″ x 2¼″	15	450
260780XA336	336,400	.....	¼″ x 3″	15	453
260780XA397	397,500	.....	¼″ x 3″	15	456

The CL27XA Series has a strong, well galvanized strap clevis. A ball and socket mounting between the clevis and aluminum wire gripping unit permits universal joint action but will not come apart. The assembly is complete with a galvanized nut, bolt and cotter key.



CL27XA
for Aluminum

Cat. No.	WIRE SIZE All Aluminum Solid	WIRE SIZE All Aluminum Stranded	Length Overall	Length Bail to Yoke	Std. Pkg.	Approx. Shipping Wt. Lbs. Per 100
CL27XA6	6	8	5¾″	3½″	50	95
CL27XA4	4	6 or 5	5⅞″	3½″	50	98
CL27XA3	3	4	6⅜″	3½″	25	103
CL27XA2	2	3	6⅜″	3½″	25	103
CL27XA1	1	2	6¾″	3¾″	25	136
CL27XA10	1/0	1	7″	3¾″	25	149
CL27XA20	2/0	1/0	7⅜″	4″	25	185
CL27XA25	3/0	2/0	7½″	4″	10	192
CL27XA30	4/0	3/0	8¾″	4¾″	10	256
CL27XA40	....	4/0	8¾″	4¾″	10	262



L-M FARGO HOT LINE CLAMPS All Purpose Spring Type

The AGE hot line clamp has a very heavy coil spring that compensates for variations in diameters of stranded conductors that result from atmospheric temperature changes, fault or switching surges, changing load currents, varying line tensions, etc. A better contact is constantly maintained keeping contact resistance low.

Threads on eye bolts are completely housed and the complete unit is dipped in Fargolene, an anti-corrosive lubricant which assures smooth thread operation and gives further protection from weathering.

The clamp is available in bronze for copper to copper connections or plated for all purpose use. An all aluminum clamp can be furnished for lightweight aluminum to aluminum connections.

All corners are well rounded minimizing arcing. It can be used with any type of hot stick.

Catalog Number	Type Connections		Main Line (Run) Wire Size (AWG)		Standard Tap Wire Size *		Wt. Each Lbs.
	Main	Tap	Max.	Min.	Max.	Min.	
AGE-0 All Purpose Plated Bronze	Al.	Al.	#3 ACSR #2 Str. Alum.	#6 ACSR #8 Sol. Alum.	#3 ACSR #2 Str. Alum.	#6 ACSR #8 Sol. Alum.	½
	Al.	Cu.	#3 ACSR #2 Str. Alum.	#6 ACSR #8 Sol. Alum.	#2 Str. Copper	#8 Sol. Copper	½
	Cu.	Al.	#2 Str. Copper	#8 Sol. Copper	#3 ACSR #2 Str. Alum.	#6 ACSR #8 Sol. Alum.	½
	Cu.	Cu.	#2 Str. Copper	#8 Sol. Copper	#2 Str. Copper	#8 Sol. Copper	½
AGE-0A (Cast Aluminum)	Al	Al.	#3 ACSR #2 Str. Alum.	#6 ACSR #8 Sol. Alum.	#3 ACSR #2 Str. Alum.	#6 ACSR #8 Sol. Alum.	6 oz.
AGE-0C (Cast Bronze)	Cu.	Cu.	#2 Str. Copper	#8 Sol. Copper	#2 Str. Copper	#8 Sol. Copper	½
AGE-0AAC * *	Al.	Cu.	#3 ACSR #2 Str. Alum.	#6 ACSR #8 Sol. Alum.	#2 Str. Copper	#8 Sol. Copper	½
AGE-1 All Purpose Plated Bronze	Al.	Al.	#2/0 ACSR + Armor 336,400 CM ACSR 400,000 CM All Alum.	#6 ACSR #6 Sol. Alum.	#1/0 ACSR #2/0 Str. Alum.	#6 ACSR #6 Sol. Alum.	1
	Al.	Cu.	#2/0 ACSR + Armor 336,400 CM ACSR 400,000 CM All Alum.	#6 ACSR #6 Sol. Alum.	#2/0 Str. Copper	#6 Sol. Copper	1
	Cu.	Al.	400,000 CM Cu.	#6 Sol. Copper	#1/0 ACSR #2/0 Str. Alum.	#6 ACSR #6 Sol. Alum.	1
	Cu.	Cu.	400,000 CM Cu.	#6 Sol. Copper	#2/0 Str. Copper	#6 Sol. Copper	1
AGE-1A (Cast Aluminum)	Al.	Al.	#2/0 ACSR + Armor 336,400 CM ACSR 400,000 CM All Alum.	#6 ACSR #6 Sol. Alum.	#1/0 ACSR #2/0 Str. Alum.	#6 ACSR #6 Sol. Alum.	9 oz.
AGE-1C (Cast Bronze)	Cu.	Cu.	400,000 CM	#6 Sol. Copper	#2/0 Str. Copper	#6 Sol. Copper	1
AGE-1AAC * *	Al.	Cu.	#2/0 ACSR + Armor 336,400 CM ACSR 400,000 CM All Alum.	#6 ACSR #6 Sol. Alum.	#2/0 Str. Copper	#6 Sol. Copper	1
AGE-2 All Purpose Plated Bronze	Al.	Al.	666,600 ACSR #4/0 ACSR + Armor 750,000 CM Alum.	#4/0 ACSR #4 ACSR + Armor #4/0 Str. Alum.	#4/0 ACSR 250,000 CM Alum.	#6 ACSR #6 Sol. Alum.	2
	Al.	Cu.	666,600 ACSR #4/0 ACSR + Armor 750,000 CM Alum.	#4/0 ACSR #4 ACSR + Armor #4/0 Str. Alum.	250,000 CM	#6 Sol. Copper	2
	Cu.	Al.	750,000 CM	#4/0 Str. Copper	#4/0 ACSR 250,000 CM Alum.	#6 ACSR #6 Sol. Copper	2
	Cu.	Cu.	750,000 CM	#4/0 Str. Copper	250,000 CM	#6 Sol. Copper	—
AGE-2A (Cast Aluminum)	Al.	Al.	666,600 ACSR #4/0 ACSR + Armor 750,000 CM Alum.	#4/0 ACSR #4 ACSR + Armor #4/0 Str. Alum.	#4/0 ACSR 250,000 CM Alum.	#6 ACSR #6 Sol. Alum.	1
AGE-2C (Cast Bronze)	Cu.	Cu.	750,000 CM	#4/0 Str. Copper	250,000 CM	#6 Sol. Copper	2
AGE-2AAC * *	Al.	Cu.	666,600 ACSR #4/0 ACSR + Armor 750,000 CM Alum.	#4/0 ACSR #4 ACSR #4/0 Str. Alum.	250,000 CM	#6 Sol. Copper	2

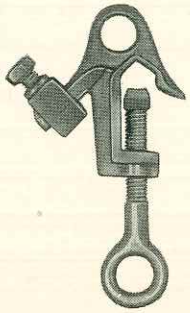
* *Aluminum Body, Bronze Tap Bolt, and Bimetal Spacer. *See Special Tap Off Bolts for AGE-1

Standard Type

These hot line clamps are made of high strength, 93 per cent copper content alloy for maximum mechanical and electrical characteristics.

The clamps will fit all makes of hot sticks. Hexagonally headed tightening bolts can be furnished when specified. National coarse threads are standard but fine threads can be furnished when desired.

All clamps are strong, well balanced and vibration proof. For copper to copper connections all parts are bronze. For aluminum to aluminum or aluminum to copper, contact parts are accordingly plated.



HOT LINE TAPS — STANDARD TYPE

Cat. No.	Max. Run Wire *(Min. Wire)	Max. Tap Wire † (Min. Wire)	Std. Pkg.	Approx. Ship. Wt. Lbs. Per 100
XK9C	4/0 Str. Cu.	1/0 Str. Cu.	100	80
XK9A	4 ACSR+Armor	1/0 ACSR	100	80
XK9AC	4 ACSR+Armor	1/0 Str. Cu.	100	80
XK6C	300,000 C.M. Cu.	2/0 Str. Cu.	100	100
XK6A	2 ACSR+Armor	2/0 ACSR	100	100
XK6AC	2 ACSR+Armor	2/0 Str. Cu.	100	100

*Min. Run Wire — 6 Sol. or equivalent.
†Min. Tap Wire — 8 Str. or equivalent.

For Prices Refer to Price List SC—S

SPECIAL TAP OFF BOLTS FOR THE AGE-1

TO-25 SERIES TAP BOLT

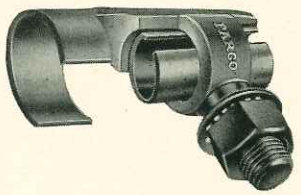
The TO-25 is an enlarged tap off bolt that will fit in the AGE-1 body. The tap off bolt can be furnished plated or in bronze to meet all requirements.

SIZE DATA

Maximum tap range	250,000 CM	Copper or Alum.	37 or 19 Strand
Minimum tap range	4/0 Str.	Copper or Alum.	19, 12 or 7 Strand

CF SERIES TAP BOLT

The CF Series tap off bolt is used on the AGE-1 clamp when multi-strand, flexible rubber covered cable is used. A split copper sleeve keeps fine strands in place making a neater and electrically better connection. It also protects strands of tap wire from breaking on installations where excessive vibration may occur.



Cat. No.	Wire Diameter Conductor Only		Cable O. D. Over Rubber	
	Max.	Min.	Max.	Min.
CF-1	.500″	.250″	.750″	.625″
CF-3	.500″	.250″	.875″	.750″

Note: Opening in eye bolt is 5/8″ so that rope or bunch stranded in 3/0 and 4/0 sizes may be installed if no split sleeve is used. When ordering please specify wire and insulation O.D. (or wire gauge, stranding and insulation thickness).

CS-6 HOT STICK

The CS-6 hot stick is an easy-to-use stick of light and durable construction. The head is cast aluminum and the handle is a strong, straight grained wood with a tough weatherproof coating.

CLAMP STICKS

Cat. No.	Description	Wt. Ea.
CS-6	Head on 5′ Stick . .	2.5
CS-7	Head for Universal Joint	.5

Any length stick available on request

TWIST SLEEVES

The L-M Fargo Twist Sleeves are made of seamless high conductivity copper and are held to the specifications approved by N.E.L.A. They are of the proper temper, free from burrs, clearly stamped and conveniently packaged.

TWIST SLEEVES

SINGLE TUBE COPPER SPLICING SLEEVES

Catalog Number	B. & S. Ga. * (AWG) Strand	B.&S. Ga. (AWG) Solid	Length Inches	Std. Pkg.	Approx. Ship. Wt. Lbs. per 100
99757	500,000 C.M.	....	24	100	275
99758	300,000 C.M.	....	21¾	100	180
99759	250,000 C.M.	....	21	100	165
99760	4/0	....	19½	100	130
99761	3/0	4/0	18	100	95
99762	2/0	3/0	16	100	77
99763	1/0 (2A) †	2/0	14	100	64
99764	1 (3A)	1/0	12½	100	40
99765	2 (4A)	1	11	100	33
99766	3 (5A)	2	9¾	100	26
99767	4 (6A)	3	8½	100	17
99768	– (8A)	4	8	100	15½
99769	....	6	6	100	7
99770	....	8	5¼	100	5
99771	....	9	5¼	....	....
99772	....	10	4¼	....	....
99773	....	12	4	....	....
99774	....	14	4	....	....

DOUBLE TUBE COPPER SPLICING SLEEVES

Catalog Number	B & S Gauge (AWG)		B. W. Gauge	N. B. S. Gauge	Length Inches
	Strand	Solid			
9760	4—0	.....	.....	.....	20
9761	3—0	4—0	.....	.....	20
9762	2—0	3—0	.....	.....	18
9763	1—0 (2A) †	2—0	.....	.....	16
9764	1 (3A)	1—0	.....	.....	14
9765	2 (4A)	1	.....	.....	12
9766	3 (5A)	2	.....	.....	9½
9767	4 (6A)	3	.....	.....	8¾
9768	(8A)	4	.....	.....	6
9769	.....	4	.....	.....	8
9770	6	5	.....	.....	6
9771	.....	6	8	.....	6
9772	.....	7	9	.....	5¾
9773	.....	8	10	10	5½
9774	.....	9	11	.....	5¼
9775	.....	10	12	12	4¾
9776	.....	12	14	14	4½
9777	.....	14	16	.....	4
9778	.....	16	18	.....	4
9779	.....	17	.....	.....	4
9780	.....	18	.....	.....	4

*7 or 19-wire strand. For 3-strand cable use next larger size 7-strand Sleeve.
†Copperweld-Copper rural type strand.

L-M FARGOLENE COMPOUND

A non-corrosive, water repellent, non-conducting grease inert to copper, aluminum, bronze, zinc, steel, cadmium, etc. Remains in position on conductor at temperatures up to 350° F. Workable at subzero temperatures.

Catalog Number	
F12-1—1 Lb. Can	**F12-9**—9 Oz. Tube
F12-12—½ Lb. Can	**F12-1G**—1 Gal. Can

For Prices Refer to Price List SC—S

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